

INFORMATION REPORT INFORMATION REPORT

CENTRAL INTELLIGENCE AGENCY

This material contains information affecting the National Defense of the United States within the meaning of the Espionage Laws, Title 18, U.S.C. Secs. 793 and 794, the transmission or revelation of which in any manner to an unauthorized person is prohibited by law.

S-E-C-R-E-T

COUNTRY East Germany REPORT 25X1
 SUBJECT VEB Werk fuer Fernmeldewesen (WF) Development of Impulse Devices DATE DISTR. 9 September 1955 25X1
 NO. OF PAGES 1
 DATE OF INFO. REQUIREMENT 25X1
 PLACE ACQUIRED REFERENCES 25X1
 DATE ACQUIRED This is UNEVALUATED Information 25X1

SOURCE EVALUATIONS ARE DEFINITIVE. APPRAISAL OF CONTENT IS TENTATIVE.

25X1

1. VEB Werk fuer Fernmeldewesen, Berlin-Oberschoeneweide, is to begin development work on an impulse receiver (Impulseempfaenger) with a frequency range of 30 centimeters to one meter. The order for the development came from the USSR. Negotiations concerning the order are currently taking place at Karlshorst; the WF plant is represented in the negotiations by Dr. Rohde (fnu). In connection with the order for the development of the impulse receiver, Ing. Heidborn (fnu) of the Berlin-Oberschoeneweide enterprise has been ordered to expedite the development of an ultra-short-wave triode which is a copy of the American ultra-short-wave triode type 2 C 40. Test models of the reconstructed triode are to be completed during the third quarter of 1955. Technical data for the triode are allegedly exactly the same as those of the American tube.
2. Two types of magnetrons are being developed at VEB Werk fuer Fernmelde-
 wesen: a magnetron with 12 chambers and a wave length of 3.2 centimeters; and a magnetron with 12 chambers and a wave length of 1.5 centimeters. Development of the 1.5 centimeter magnetron was ordered by the Heinrich Hertz Academy Institute, Berlin-Adlershof. As of mid-June 1955, the Berlin-Oberschoeneweide plant had not succeeded in producing, on a laboratory scale, a usable magnetron for a wave length of 1.5 centimeters. Development of both types of magnetrons is under the supervision of Ing. Kappel (fnu), who is subordinate to Dr. Ignatz Ladurner.

25X1

S-E-C-R-E-T

25X1

STATE #	X	ARMY #	X	NAVY	X	AIR #	X	FBI	AEC	OSI	Ev	X
(Note: Washington distribution indicated by "X"; Field distribution by "#")												

25X1

INFORMATION REPORT INFORMATION REPORT